

**FAN ARRAY FAN SECTION IN AIR-HANDLING SYSTEMS**  
**ABSTRACT OF THE DISCLOSURE**

5                   A fan array fan section in an air-handling system includes a plurality  
of fan units arranged in a fan array and positioned within an air-handling  
compartment. One preferred embodiment may include an array controller  
programmed to operate the plurality of fan units at peak efficiency. The plurality  
of fan units may be arranged in a true array configuration, a spaced pattern array  
10 configuration, a checker board array configuration, rows slightly offset array  
configuration, columns slightly offset array configuration, or a staggered array  
configuration.